

Title (en)  
OPTICAL CONNECTOR

Title (de)  
OPTISCHER STECKVERBINDER

Title (fr)  
CONNECTEUR OPTIQUE

Publication  
**EP 1478961 A2 20041124 (EN)**

Application  
**EP 03713584 A 20030224**

Priority  

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- US 35902802 P 20020222
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Abstract (en)  
[origin: WO03073139A2] A fiber optic connector having a plug portion with first and second ends, the first end receiving a first fiber optic cable(s) providing optical energy and a second fiber optic cable(s) for bi-directional optical data communications. The connector also includes a receptacle portion having first and second ends, the first end for mating with the second end of the plug portion, and the second end having a first pin(s) corresponding to the first fiber optic cable(s), and, a second pin(s) corresponding to the second fiber optic cable, where the receptacle portion further includes a first photodiode(s) corresponding to the first fiber optic cable(s) for converting the received optical energy digital electrical energy for output on the first pin(s), and, a second photodiode(s) corresponding to the second fiber optic cable(s) for converting received optical data communications to digital electrical data communications for output on the second pin(s).

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**G02B 6/42**; **H04B 10/24**

IPC 8 full level  
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Citation (search report)  
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